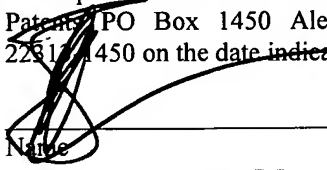




PATENT APPLICATION
DOCKET NO. 20862.B.NP

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT:	Jung, Yunoh	CERTIFICATE OF DEPOSIT UNDER 37 C.F.R. § 1.8 I hereby certify under 37 CFR § 1.8 that this correspondence is being facsimile transmitted to the USPTO or being deposited with the United States Postal Service with sufficient postage as first class postage in an envelope addressed to Commissioner of Patents, PO Box 1450 Alexandria, VA 22311-1450 on the date indicated below.  _____ Date of Deposit <u>07 Oct 05</u>
APPLICATION NO.:	10/606,866	
FILED:	June 26, 2003	
FOR:	DENTAL MODELING AND ARTICULATING SYSTEM AND METHOD	
CONFIRM. NO.:	5518	
ART UNIT:	3732	
EXAMINER:	Manahan, Todd E.	
DOCKET NO.:	20862.B.NP	

DECLARATION OF PETER COYNE
UNDER 37 C.F.R. § 1.132

Mail Stop RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

I, Peter Coyne, declare as follows:

1. I am the president and founder of P. Coyne Sales Associates, independent sales representatives for dental laboratory manufacturers. I have 31 years of experience in the dental casting industry.
2. I am making this declaration in support of patentability of the above-referenced patent application.
3. I have recently reviewed pending U.S. Patent Application No. 10/606,866, including

the currently pending claims filed with the U.S. Patent and Trademark Office on February 25, 2005, which were rejected in the Office Action mailed by the U.S. Patent and Trademark Office on May 10, 2005.

4. I have recently reviewed the Office Action of May 10th, including the references cited therein: U.S. Patent No. 5,466,152 ("Walter"); U.S. Patent No. 5,403,185 ("Presswood"); and U.S. Patent No. 5,788,489 ("Huffman").

5. I am familiar with the system covered by the currently pending claims of the above-referenced application.

6. As a person having over 31 years of experience in the dental casting industry, it is my opinion that it would not be obvious to one having ordinary skill in the art to provide the device disclosed in the Walter or Huffman patents with the membrane shown in the Presswood patent, as alleged by the Examiner in the Office Action of May 10th.

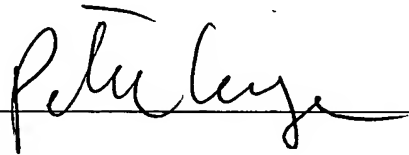
7. It has been my experience that resisting dental casting material from entering registration pin holes during the dental model casting process has remained problematic in the industry, even since the issuance of the Presswood patent, over ten years ago. The problem of dental casting material entering pin holes has persisted, despite the teachings of Presswood, further indicating to me that it has not been obvious for one skilled in the art to provide a membrane as taught with Presswood with a modeling method as taught in the Walter patent or the Huffman patent.

8. In my 31 years of experience in the dental casting industry, I have not seen a system for forming a dental model in which a membrane is used during preparation of a prepped tooth using dental casting material with a registration pin maintained in a registration pin hole

through the membrane while the model of the prepped tooth is formed.

9. I declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful, false statement may jeopardize the validity of any reexamination certificate issuing on the above-identified proceeding.

DATED this 8 day of August, 2005.

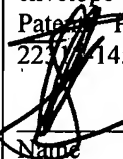


Peter Coyne



PATENT APPLICATION
DOCKET NO. 20862.B.NP

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT:	Jung, Yunoh	CERTIFICATE OF DEPOSIT UNDER 37 C.F.R. § 1.8 I hereby certify under 37 CFR § 1.8 that this correspondence is being facsimile transmitted to the USPTO or being deposited with the United States Postal Service with sufficient postage as first class postage in an envelope addressed to Commissioner of Patents, PO Box 1450 Alexandria, VA 22313-1450 on the date indicated below.  _____ Name 07 Oct 05 _____ Date of Deposit
APPLICATION NO.:	10/606,866	
FILED:	June 26, 2003	
FOR:	DENTAL MODELING AND ARTICULATING SYSTEM AND METHOD	
CONFIRM. NO.:	5518	
ART UNIT:	3732	
EXAMINER:	Manahan, Todd E.	
DOCKET NO.:	20862.B.NP	

DECLARATION OF UNYOUNG LEE
UNDER 37 C.F.R. § 1.132

Mail Stop RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

I, Unyoung Lee, declare as follows:

1. I am the owner and founder of Lee's Dental Laboratory, a crown and bridge dental laboratory. I have 25 years of dental laboratory experience.
2. I am making this declaration in support of patentability of the above-referenced patent application.
3. I have recently reviewed pending U.S. Patent Application No. 10/606,866, including the currently pending claims filed with the U.S. Patent and Trademark Office on February 25, 2005,

which were rejected in the Office Action mailed by the U.S. Patent and Trademark Office on May 10, 2005.

4. I have recently reviewed the Office Action of May 10th, including the references cited therein: U.S. Patent No. 5,466,152 ("Walter"); U.S. Patent No. 5,403,185 ("Presswood"); and U.S. Patent No. 5,788,489 ("Huffman").

5. I am familiar with the system covered by the currently pending claims of the above-referenced application.

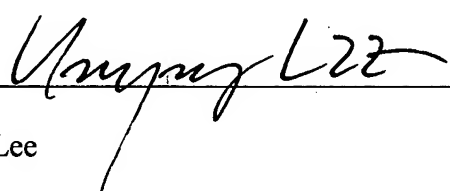
6. As a person having over 25 years of dental laboratory experience, it is my opinion that it would not be obvious to one having ordinary skill in the art to provide the device disclosed in the Walter or Huffman patents with the membrane shown in the Presswood patent, as alleged by the Examiner in the Office Action of May 10th.

7. It has been my experience that resisting dental casting material from entering registration pin holes during the dental model casting process has remained problematic in the industry, even since the issuance of the Presswood patent, over ten years ago. The problem of dental casting material entering pin holes has persisted, despite the teachings of Presswood, further indicating to me that it has not been obvious for one skilled in the art to provide a membrane as taught with Presswood with a modeling method as taught in the Walter patent or the Huffman patent.

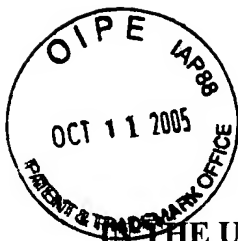
8. In my 25 years of dental laboratory experience, I have not seen a system for forming a dental model in which a membrane is used during preparation of a prepped tooth using dental casting material with a registration pin maintained in a registration pin hole through the membrane while the model of the prepped tooth is formed.

9. I declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful, false statement may jeopardize the validity of any reexamination certificate issuing on the above-identified proceeding.

DATED this 9 day of August, 2005.

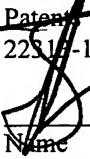


Unyoung Lee



PATENT APPLICATION
DOCKET NO. 20862.B.NP

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT:	Jung, Yunoh	CERTIFICATE OF DEPOSIT UNDER 37 C.F.R. § 1.8 I hereby certify under 37 CFR § 1.8 that this correspondence is being facsimile transmitted to the USPTO or being deposited with the United States Postal Service with sufficient postage as first class postage in an envelope addressed to Commissioner of Patents, PO Box 1450 Alexandria, VA 22313-1450 on the date indicated below.  _____ Name 07 Oct 05 _____ Date of Deposit
APPLICATION NO.:	10/606,866	
FILED:	June 26, 2003	
FOR:	DENTAL MODELING AND ARTICULATING SYSTEM AND METHOD	
CONFIRM. NO.:	5518	
ART UNIT:	3732	
EXAMINER:	Manahan, Todd E.	
DOCKET NO.:	20862.B.NP	

DECLARATION OF JEFF STRONK
UNDER 37 C.F.R. § 1.132

Mail Stop RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

I, Jeff Stronk, declare as follows:

1. I am the owner of Treasure Dental Laboratory, a dental laboratory. I have 34 years of dental laboratory experience.
2. I am making this declaration in support of patentability of the above-referenced patent application.
3. I have recently reviewed pending U.S. Patent Application No. 10/606,866, including the currently pending claims filed with the U.S. Patent and Trademark Office on February 25, 2005,

which were rejected in the Office Action mailed by the U.S. Patent and Trademark Office on May 10, 2005.

4. I have recently reviewed the Office Action of May 10th, including the references cited therein: U.S. Patent No. 5,466,152 ("Walter"); U.S. Patent No. 5,403,185 ("Presswood"); and U.S. Patent No. 5,788,489 ("Huffman").

5. I am familiar with the system covered by the currently pending claims of the above-referenced application.

6. As a person having over 34 years of dental laboratory experience, it is my opinion that it would not be obvious to one having ordinary skill in the art to provide the device disclosed in the Walter or Huffman patents with the membrane shown in the Presswood patent, as alleged by the Examiner in the Office Action of May 10th.

7. It has been my experience that resisting dental casting material from entering registration pin holes during the dental model casting process has remained problematic in the industry, even since the issuance of the Presswood patent, over ten years ago. The problem of dental casting material entering pin holes has persisted, despite the teachings of Presswood, further indicating to me that it has not been obvious for one skilled in the art to provide a membrane as taught with Presswood with a modeling method as taught in the Walter patent or the Huffman patent.

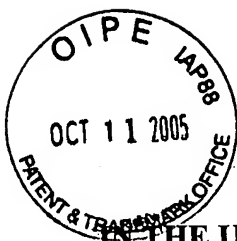
8. In my 34 years of dental laboratory experience, I have not seen a system for forming a dental model in which a membrane is used during preparation of a prepped tooth using dental casting material with a registration pin maintained in a registration pin hole through the membrane while the model of the prepped tooth is formed.

9. I declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful, false statement may jeopardize the validity of any reexamination certificate issuing on the above-identified proceeding.

DATED this 29th day of September, 2005.

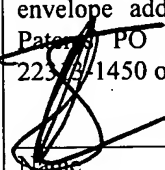


Jeff Stronk



PATENT APPLICATION
DOCKET NO. 20862.B.NP

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT:	Jung, Yunoh	CERTIFICATE OF DEPOSIT UNDER 37 C.F.R. § 1.8 I hereby certify under 37 CFR § 1.8 that this correspondence is being facsimile transmitted to the USPTO or being deposited with the United States Postal Service with sufficient postage as first class postage in an envelope addressed to Commissioner of Patents, PO Box 1450 Alexandria, VA 22313-1450 on the date indicated below.  Name 070-05 Date of Deposit
APPLICATION NO.:	10/606,866	
FILED:	June 26, 2003	
FOR:	DENTAL MODELING AND ARTICULATING SYSTEM AND METHOD	
CONFIRM. NO.:	5518	
ART UNIT:	3732	
EXAMINER:	Manahan, Todd E.	
DOCKET NO.:	20862.B.NP	

DECLARATION OF MARK HESTER
UNDER 37 C.F.R. § 1.132

Mail Stop RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

I, Mark Hester, declare as follows:

1. I am the owner of High-Tech Dental Lab, a dental laboratory. I have 19 years of dental laboratory experience.
2. I am making this declaration in support of patentability of the above-referenced patent application.
3. I have recently reviewed pending U.S. Patent Application No. 10/606,866, including the currently pending claims filed with the U.S. Patent and Trademark Office on February 25, 2005,

which were rejected in the Office Action mailed by the U.S. Patent and Trademark Office on May 10, 2005.

4. I have recently reviewed the Office Action of May 10th, including the references cited therein: U.S. Patent No. 5,466,152 ("Walter"); U.S. Patent No. 5,403,185 ("Presswood"); and U.S. Patent No. 5,788,489 ("Huffman").

5. I am familiar with the system covered by the currently pending claims of the above-referenced application.

6. As a person having over 19 years of dental laboratory experience, it is my opinion that it would not be obvious to one having ordinary skill in the art to provide the device disclosed in the Walter or Huffman patents with the membrane shown in the Presswood patent, as alleged by the Examiner in the Office Action of May 10th.

7. It has been my experience that resisting dental casting material from entering registration pin holes during the dental model casting process has remained problematic in the industry, even since the issuance of the Presswood patent, over ten years ago. The problem of dental casting material entering pin holes has persisted, despite the teachings of Presswood, further indicating to me that it has not been obvious for one skilled in the art to provide a membrane as taught with Presswood with a modeling method as taught in the Walter patent or the Huffman patent.

8. In my 19 years of dental laboratory experience, I have not seen a system for forming a dental model in which a membrane is used during preparation of a prepped tooth using dental casting material with a registration pin maintained in a registration pin hole through the membrane while the model of the prepped tooth is formed.

9. I declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful, false statement may jeopardize the validity of any reexamination certificate issuing on the above-identified proceeding.

DATED this 28 day of September, 2005.

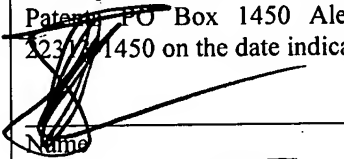
A handwritten signature in cursive script, reading "Mark Hester", written over a horizontal line.

Mark Hester



PATENT APPLICATION
DOCKET NO. 20862.B.NP

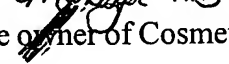
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT:	Jung, Yunoh	CERTIFICATE OF DEPOSIT UNDER 37 C.F.R. § 1.8 I hereby certify under 37 CFR § 1.8 that this correspondence is being facsimile transmitted to the USPTO or being deposited with the United States Postal Service with sufficient postage as first class postage in an envelope addressed to Commissioner of Patents, P.O. Box 1450 Alexandria, VA 22313-1450 on the date indicated below.  Name 670ct05 Date of Deposit
APPLICATION NO.:	10/606,866	
FILED:	June 26, 2003	
FOR:	DENTAL MODELING AND ARTICULATING SYSTEM AND METHOD	
CONFIRM. NO.:	5518	
ART UNIT:	3732	
EXAMINER:	Manahan, Todd E.	
DOCKET NO.:	20862.B.NP	

DECLARATION OF MARTY BINGHAM
UNDER 37 C.F.R. § 1.132

Mail Stop RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

I, Marty Bingham, declare as follows:

1. I am the  owner of Cosmetic Dental Solutions, a dental laboratory. I have 21 years of dental laboratory experience.
2. I am making this declaration in support of patentability of the above-referenced patent application.
3. I have recently reviewed pending U.S. Patent Application No. 10/606,866, including the currently pending claims filed with the U.S. Patent and Trademark Office on February 25, 2005,

which were rejected in the Office Action mailed by the U.S. Patent and Trademark Office on May 10, 2005.

4. I have recently reviewed the Office Action of May 10th, including the references cited therein: U.S. Patent No. 5,466,152 (“Walter”); U.S. Patent No. 5,403,185 (“Presswood”); and U.S. Patent No. 5,788,489 (“Huffman”).

5. I am familiar with the system covered by the currently pending claims of the above-referenced application.

6. As a person having over 21 years of dental laboratory experience, it is my opinion that it would not be obvious to one having ordinary skill in the art to provide the device disclosed in the Walter or Huffman patents with the membrane shown in the Presswood patent, as alleged by the Examiner in the Office Action of May 10th.

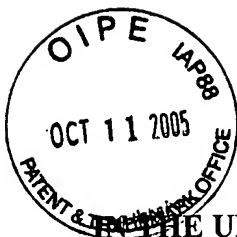
7. It has been my experience that resisting dental casting material from entering registration pin holes during the dental model casting process has remained problematic in the industry, even since the issuance of the Presswood patent, over ten years ago. The problem of dental casting material entering pin holes has persisted, despite the teachings of Presswood, further indicating to me that it has not been obvious for one skilled in the art to provide a membrane as taught with Presswood with a modeling method as taught in the Walter patent or the Huffman patent.

8. In my 21 years of dental laboratory experience, I have not seen a system for forming a dental model in which a membrane is used during preparation of a prepped tooth using dental casting material with a registration pin maintained in a registration pin hole through the membrane while the model of the prepped tooth is formed.

9. I declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful, false statement may jeopardize the validity of any reexamination certificate issuing on the above-identified proceeding.

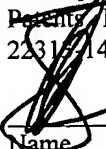
DATED this 30 day of September, 2005.


Marty Bingham



PATENT APPLICATION
DOCKET NO. 20862.B.NP

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT:	Jung, Yunoh	CERTIFICATE OF DEPOSIT UNDER 37 C.F.R. § 1.8 I hereby certify under 37 CFR § 1.8 that this correspondence is being facsimile transmitted to the USPTO or being deposited with the United States Postal Service with sufficient postage as first class postage in an envelope addressed to Commissioner of Patents, PO Box 1450 Alexandria, VA 22312-1450 on the date indicated below.  Name 07 Oct 05 Date of Deposit
APPLICATION NO.:	10/606,866	
FILED:	June 26, 2003	
FOR:	DENTAL MODELING AND ARTICULATING SYSTEM AND METHOD	
CONFIRM. NO.:	5518	
ART UNIT:	3732	
EXAMINER:	Manahan, Todd E.	
DOCKET NO.:	20862.B.NP	

DECLARATION OF JOHN FINDLAY
UNDER 37 C.F.R. § 1.132

Mail Stop RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

I, John Findlay, declare as follows:

1. I am the owner of Findlay Dental Laboratory, a dental laboratory. I have 35 years of dental laboratory experience.
2. I am making this declaration in support of patentability of the above-referenced patent application.
3. I have recently reviewed pending U.S. Patent Application No. 10/606,866, including the currently pending claims filed with the U.S. Patent and Trademark Office on February 25, 2005,

which were rejected in the Office Action mailed by the U.S. Patent and Trademark Office on May 10, 2005.

4. I have recently reviewed the Office Action of May 10th, including the references cited therein: U.S. Patent No. 5,466,152 ("Walter"); U.S. Patent No. 5,403,185 ("Presswood"); and U.S. Patent No. 5,788,489 ("Huffman").

5. I am familiar with the system covered by the currently pending claims of the above-referenced application.

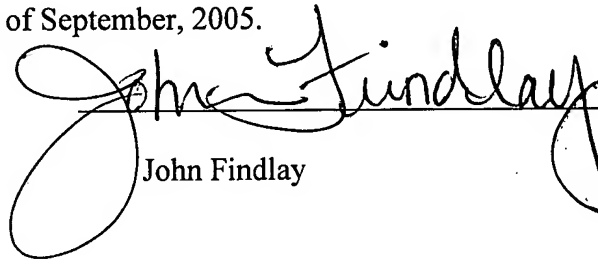
6. As a person having over 35 years of dental laboratory experience, it is my opinion that it would not be obvious to one having ordinary skill in the art to provide the device disclosed in the Walter or Huffman patents with the membrane shown in the Presswood patent, as alleged by the Examiner in the Office Action of May 10th.

7. It has been my experience that resisting dental casting material from entering registration pin holes during the dental model casting process has remained problematic in the industry, even since the issuance of the Presswood patent, over ten years ago. The problem of dental casting material entering pin holes has persisted, despite the teachings of Presswood, further indicating to me that it has not been obvious for one skilled in the art to provide a membrane as taught with Presswood with a modeling method as taught in the Walter patent or the Huffman patent.

8. In my 35 years of dental laboratory experience, I have not seen a system for forming a dental model in which a membrane is used during preparation of a prepped tooth using dental casting material with a registration pin maintained in a registration pin hole through the membrane while the model of the prepped tooth is formed.

9. I declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful, false statement may jeopardize the validity of any reexamination certificate issuing on the above-identified proceeding.

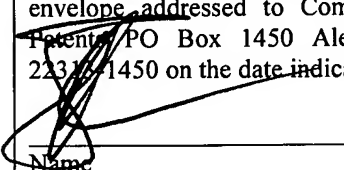
DATED this 28 day of September, 2005.


John Findlay



PATENT APPLICATION
DOCKET NO. 20862.B.NP

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT:	Jung, Yunoh	CERTIFICATE OF DEPOSIT UNDER 37 C.F.R. § 1.8 I hereby certify under 37 CFR § 1.8 that this correspondence is being facsimile transmitted to the USPTO or being deposited with the United States Postal Service with sufficient postage as first class postage in an envelope addressed to Commissioner of Patents, PO Box 1450 Alexandria, VA 22313-1450 on the date indicated below.  Name <u>070505</u> Date of Deposit
APPLICATION NO.:	10/606,866	
FILED:	June 26, 2003	
FOR:	DENTAL MODELING AND ARTICULATING SYSTEM AND METHOD	
CONFIRM. NO.:	5518	
ART UNIT:	3732	
EXAMINER:	Manahan, Todd E.	
DOCKET NO.:	20862.B.NP	

DECLARATION OF MOOKEY KIM
UNDER 37 C.F.R. § 1.132

Mail Stop RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

I, Mookey Kim, declare as follows:

1. I am the owner of Smile by Design Dental Lab, a dental laboratory. I have 32 years of dental laboratory experience.
2. I am making this declaration in support of patentability of the above-referenced patent application.
3. I have recently reviewed pending U.S. Patent Application No. 10/606,866, including the currently pending claims filed with the U.S. Patent and Trademark Office on February 25, 2005,

which were rejected in the Office Action mailed by the U.S. Patent and Trademark Office on May 10, 2005.

4. I have recently reviewed the Office Action of May 10th, including the references cited therein: U.S. Patent No. 5,466,152 (“Walter”); U.S. Patent No. 5,403,185 (“Presswood”); and U.S. Patent No. 5,788,489 (“Huffman”).

5. I am familiar with the system covered by the currently pending claims of the above-referenced application.

6. As a person having over 32 years of dental laboratory experience, it is my opinion that it would not be obvious to one having ordinary skill in the art to provide the device disclosed in the Walter or Huffman patents with the membrane shown in the Presswood patent, as alleged by the Examiner in the Office Action of May 10th.

7. It has been my experience that resisting dental casting material from entering registration pin holes during the dental model casting process has remained problematic in the industry, even since the issuance of the Presswood patent, over ten years ago. The problem of dental casting material entering pin holes has persisted, despite the teachings of Presswood, further indicating to me that it has not been obvious for one skilled in the art to provide a membrane as taught with Presswood with a modeling method as taught in the Walter patent or the Huffman patent.

8. In my 32 years of dental laboratory experience, I have not seen a system for forming a dental model in which a membrane is used during preparation of a prepped tooth using dental casting material with a registration pin maintained in a registration pin hole through the membrane while the model of the prepped tooth is formed.

9. I declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful, false statement may jeopardize the validity of any reexamination certificate issuing on the above-identified proceeding.

DATED this 27 day of September, 2005.



Mookey Kim